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To U.S.P.T.O. Assignment Services Division

Fax no. 703-308-7124/703-306-5995

Phone no.

From Mitchell W. Shapiro

Phone no. 703-610-8652

Date May 19, 2005

Time

File no. Our Ref: XA-9992

Pages including  
cover

11

Re: Appln. No.: 10/714,983

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XA-9992  
PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:

Masanori OWAKI et al.

Appln. No.: 10/714,983

Group Art Unit: 2811

Filed: November 18, 2003

For: MULTI-CHIP MODULE

REQUEST FOR CORRECTED NOTICE OF  
RECORDATION OF ASSIGNMENT DOCUMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

ATTENTION: Assignment Branch  
CG-4, 1213 Jefferson Davis Hwy, Ste. 320

Sir:

Transmitted herewith are copies of the Office's fax notification dated April 27, 2005 (7 pages) and a corrected filing receipt (2 pages). The undersigned respectfully requests that the Notice of Recordation of Assignment Document now be corrected to show the title of the application as: MULTI-CHIP MODULE.

Respectfully submitted,

MWS:lmb

By: 

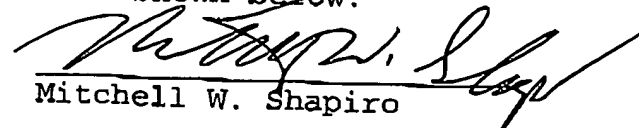
Miles & Stockbridge P.C.  
1751 Pinnacle Drive, Suite 500  
McLean, Virginia 22102-3833  
(703) 903-9000

Mitchell W. Shapiro  
Reg. No. 31,568

May 19, 2005

CERTIFICATION OF FACSIMILE TRANSMISSION

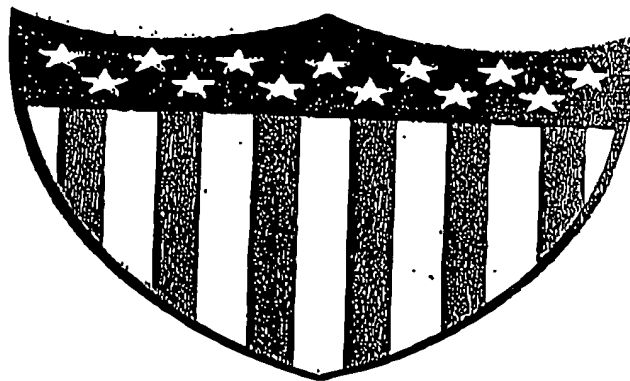
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Mitchell W. Shapiro

5/19/05  
Date

Director of the USPTO  
PO Box 1450  
Alexandria, Virginia 22313-1450  
Telephone (703) 308-9723  
Fax (703) 308-7124

USPTO, CIO  
Office of Public Records  
Assignment Services Division



**Fax**

Name Mitchell Shapiro

From Assignment Div.

Fax 703 610 8686

Fax # See above #

Voice Mail # \_\_\_\_\_

Voice Mail # \_\_\_\_\_

Date: 4/27/05

Number of Pages (including this page, 7)

Subject: Error(s) in Title of the Invention on the Notice of Recordation

Serial number: 10/714983

The Assignment Division cannot make any corrections to the title of the invention.  
Please fax this request to OIPE on 703-746-9195 or call 703-308-1202.

After you receive your corrected filing receipt showing correction(s) made, fax the notice of recordation along with a request so we can reprint your notice and re-mail you a corrected notice.

Sorry for any inconvenience this may have caused your office



XA-9992  
PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:

Masanori OWAKI et al.

Appln. No.: 10/714,983

Group Art Unit: 2811

Filed: November 18, 2003

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REQUEST FOR CORRECTED NOTICE OF  
RECORDATION OF ASSIGNMENT DOCUMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

ATTENTION: Assignment Branch  
CG-4, 1213 Jefferson Davis Hwy, Ste. 320

Sir:

The undersigned respectfully requests that the Notice of Recordation of Assignment Document (copy enclosed) be corrected to show the title as: MULTI-CHIP MODULE. See the attached copies of the Assignment and the originally filed Recordation Form Cover Sheet.

A new cover sheet also accompanies this request.

Respectfully submitted,

MWS:lmb

Miles & Stockbridge P.C.  
1751 Pinnacle Drive, Suite 500  
McLean, Virginia 22102-3833  
(703) 903-9000

By: 

Mitchell W. Shapiro  
Reg. No. 31,568

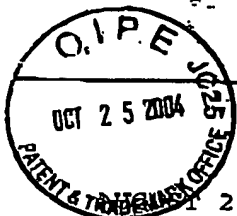
October 22, 2004



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SEP 28, 2004

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SUITE 500  
MCLEAN, VA 22102

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\*102693116A\*

SEP 02 2004

MILES & STOCKBRIDGE P.C.  
TYSONS CORNER

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NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 03/05/2004

REEL/FRAME: 015049/0183  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).  
DOCKET NUMBER: XA9992

ASSIGNOR:  
OWAKI, MASANORI

DOC DATE: 10/14/2003

ASSIGNOR:  
ISHIKAWA, TOSHIKAZU

DOC DATE: 10/14/2003

ASSIGNOR:  
NAITO, TAKAHIRO

DOC DATE: 10/15/2003

ASSIGNOR:  
SUZUKI, MAKOTO

DOC DATE: 10/14/2003

ASSIGNOR:  
KIKUCHI, TAKAFUMI

DOC DATE: 10/14/2003

ASSIGNOR:  
OZAWA, TAKASHI

DOC DATE: 10/21/2003

015049/0183 PAGE 2

ASSIGNEE:

RENESAS TECHNOLOGY CORP.  
4-1, MARUNOUCHI 2-CHOME  
CHIYODA-KU, TOKYO, JAPAN

ASSIGNEE:

SHINKO ELECTRIC INDUSTRIES CO.,  
LTD.  
80, OSHIMADA-MACHI  
NAGANO-SHI, NAGANO, JAPAN

SERIAL NUMBER: 10714983

PATENT NUMBER:

TITLE: MULT-CHIP MODULE

FILING DATE: 11/18/2003

ISSUE DATE:

*multi-chip*

SEDLEY PYNE, PARALEGAL  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

FORM PTO-1595 (Modified)  
(Rev. 03-01)  
OMB No. 0651-0027 (exp. 5/31/2002)  
PGBA/REV03

03-11-2004

Docket No.: XA-9992

EET

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Tab settings

102693116

To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Masanori OWAKI  
Toshikazu ISHIKAWA  
Takahiro NAITO  
Makoto SUZUKI

Takashi ISHIKUCHI  
Takashi OZAKI  
MAR 05 2004

Additional names(s) of conveying party(ies)

Yes ☐ No ☒

2. Name and address of receiving party(ies):

Name: Renesas Technology Corp.

Address: 4-1, Marunouchi 2-chome

Chiyoda-ku

City: Tokyo

State/Prov.: \_\_\_\_\_

Country: Japan

ZIP: \_\_\_\_\_

Additional name(s) & address(es)

Yes ☐ No ☒

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other \_\_\_\_\_

Execution Date: 10/14, 14, 15, 14, 14, 21/2003

4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is:

Patent Application No.

Filing date

10/714,983

November 18, 2003

B. Patent No.(s)

Additional numbers

Yes ☐ No ☒

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Mitchell W. Shapiro

Registration No. 31,568

Address: Miles & Stockbridge P.C.

1751 Pinnacle Drive

Suite 500

City: McLean

State/Prov.: VA

Country: United States

ZIP: 22102

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41):.....\$ 40.00

☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account

☐ Authorized to be charged to deposit account

8. Deposit account number:

50-1165

(Attach duplicate copy of this page if paying by deposit account)

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Mitchell W. Shapiro

Name of Person Signing

Signature

March 5, 2004

Date

3

Total number of pages including cover sheet, attachments, and

All documents to be recorded with required cover sheet information in:  
Mail Stop Assignment Recordation Services  
Director of the United States Patent and Trademark Office  
P.O. Box 1400 Alexandria VA 22304-1400

FORM PTO-1619C

Expires 08/30/99  
OMB 0651-0027

**RECORDATION FORM COVER SHEET**  
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Enter additional Conveying Parties

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Name (line 1)	<input type="text"/>	Execution Date Month <input type="text"/> Day <input type="text"/> Year <input type="text"/>
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Name (line 1)	<input type="text"/>	Execution Date Month <input type="text"/> Day <input type="text"/> Year <input type="text"/>
Name (line 2)	<input type="text"/>	

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Name (line 1)	<input type="text" value="Shinko Electric Industries Co., Ltd."/>			<input type="checkbox"/> If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)
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Address (line 3)	<input type="text" value="Nagano"/> City	<input type="text" value="Japan"/> State/Country	<input type="text"/> Zip Code	
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Address (line 1)	<input type="text"/>			
Address (line 2)	<input type="text"/>			
Address (line 3)	<input type="text"/> City	<input type="text"/> State/Country	<input type="text"/> Zip Code	

**Application Number(s) or Patent Number(s)**

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Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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W/264-01

ASSIGNMENT  
(譲渡証)

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan by Renesas Technology Corp., and Shinko Electric Industries Co., Ltd., corporations organized under the laws of Japan, located at 4-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo, Japan, and 80, Oshimada-machi, Nagano-shi, Nagano, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said Renesas Technology Corp., and Shinko Electric Industries Co., Ltd., their successors and assigns, all my right, title and interest, in and for the United States of America, in and to

MULTI CHIP MODULE

Invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said Renesas Technology Corp., and Shinko Electric Industries Co., Ltd., their successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said Renesas Technology Corp., and Shinko Electric Industries Co., Ltd.,

Signed on the date(s) indicated aside our signatures:

INVENTOR(S)  
(発明者フルネームサイン)

Date Signed  
(署名日)

1) <u>Masanori Owaki</u>	Masanori OWAKI	<u>14 / October / 2003</u>
2) <u>Toshikazu Ishikawa</u>	Toshikazu ISHIKAWA	<u>14 / October / 2003</u>
3) <u>Takahiro Naito</u>	Takahiro NAITO	<u>15 / Oct. / 2003</u>
4) <u>Makoto Suzuki</u>	Makoto SUZUKI	<u>14 / October / 2003</u>
5) <u>Takafumi Kikuchi</u>	Takafumi KIKUCHI	<u>14 / October / 2003</u>
6) <u>Takashi Ozawa</u>	Takashi OZAWA	<u>21 / Nov. / 2003</u>
7) _____		_____
8) _____		_____
9) _____		_____
10) _____		_____



## UNITED STATES PATENT AND TRADEMARK OFFICE

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APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/714,983	11/18/2003	2826	900	XA-9992	11	5	1

181  
MILES & STOCKBRIDGE PC  
1751 PINNACLE DRIVE  
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MCLEAN, VA 22102-3833

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MAY 11 2005

MILES & STOCKBRIDGE P.C.  
TYSONS CORNER

CONFIRMATION NO. 3658

CORRECTED FILING RECEIPT



\*OC000000015980794\*

Date Mailed: 05/10/2005

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

**Applicant(s)**

Masanori Owaki, Kodaira, JAPAN;  
Toshikazu Ishikawa, Kodaira, JAPAN;  
Takahiro Naito, Kodaira, JAPAN;  
Makoto Suzuki, Higashimurayama, JAPAN;  
Takafumi Kikuchi, Higashiyamato, JAPAN;  
Takashi Ozawa, Jouetsu, JAPAN;

**Assignment For Published Patent Application**

Renesas Technology Corp.  
Shinko Electric Industries Co., Ltd.

**Power of Attorney:** The patent practitioners associated with Customer Number 181.

**Domestic Priority data as claimed by applicant**

**Foreign Applications**

JAPAN 2002-344782 11/28/2002

**If Required, Foreign Filing License Granted:** 02/18/2004

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US10/714,983**

**Projected Publication Date:** Not Applicable

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Non-Publication Request: No

Early Publication Request: No

Title

Multi-chip module

Preliminary Class

257

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**~~Title 37, Code of Federal Regulations, 5.11 & 5.15~~**

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